IN THE CLAIMS

Please enter the following amendments to claims 1, 5, 9, 13, and 15. The claims are believed to introduce no new matter and are supported on page 9, lines 8-19, Figure 1, and associated description.

1. (Currently Amended) A method for embedding a digital signature in an MPEG stream, said method comprising ~~the step of~~ modifying the program clock reference (PCR) field of a transport stream packet, by logically anding off a portion of the lower bits of said PCR field, said PCR field including time stamp information, and replacing said portion with all or a part of said digital signature.

2. (Original) The method of claim 1 wherein said digital signature may span a plurality of PCR fields in a plurality of packets.

3. (Original) The method of claim 1 wherein said digital signature is encrypted to produce an encrypted signature.

4. (Original) The method of claim 3 wherein said encrypted signature is scrambled to provide for error correction.

5. (Currently Amended) A system for embedding a digital signature in an MPEG stream, said system comprising logical means for modifying the PCR field of a transport stream packet, by logically anding off a portion of the lower bits of said PCR field, said PCR field including time stamp information and replacing said portion with all or a portion of said digital signature.

6. (Original) The system of claim 5 wherein said digital signature may span a plurality of PCR fields in a plurality of packets.

7. (Original) The system of claim 5 wherein said digital signature is encrypted to produce an encrypted signature.

8. (Original) The system of claim 7 wherein said encrypted signature is scrambled to provide for error correction.

9. (Currently Amended) An MPEG digital transmission, ~~said transmission~~ comprising ~~containing~~ a modified program clock reference (PCR) field of a transport stream packet, wherein an unmodified PCR field is associated with time stamp information, said modified PCR field including ~~containing~~ a portion or all of a digital signature, for the purpose of identifying said digital transmission.

10. (Original) The transmission of claim 9 wherein said digital signature may span a plurality of PCR fields in a plurality of packets.

11. (Original) The transmission of claim 9 wherein said digital signature is encrypted to produce an encrypted signature.

12. (Original) The transmission of claim 11 wherein said encrypted signature is scrambled to provide for error correction.

13. (Currently Amended) A method for embedding a digital signature in an MPEG stream, said method comprising the step of modifying a transport stream packet to include ~~contain~~ a portion or all of said digital signature, said modifying being done to a data structure selected from the set consisting of: adaptation field, private descriptor, PID, null packet, table CRC, table replacement, or PCR location.

14. (Original) The method of claim 14 wherein said digital signature may span a plurality of said selected data structures, in a plurality said packets.

15. (Currently Amended) A system for embedding a digital signature in an MPEG stream, the system comprising:

means for identifying a program clock reference (PCR) field ~~the PCR field~~ of a transport stream packet;

means for modifying a portion of the lower bits of the PCR field;

means for replacing the portion of the lower bits of the PCR field with all or a part of the digital signature.